



10001 Richmond Avenue  
Houston, Texas 77042-4299  
P.O. Box 2469 (77252-2469)  
Tel: 713-789-9600  
Fax: 713-789-0172

March 7, 2007

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §§ 1.8 AND 1.10**

I hereby certify that this correspondence and its attachments are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, USPTO, P.O. Box 1450, Alexandria, VA 22313-1450 on March 7, 2007.

*Carolanne King*  
Carolanne M. King

03/07/2007  
Date

Re: U.S. Patent Application Serial No. 10/599,414; Entitled: "GENERALIZED 3-D SURFACE MULTIPLE PREDICTION;" First Named Inventor: Richard Bisley; Attorney Docket No. 594.25608-PCT-US

Dear Sir:

Enclosed for consideration in the above-referenced patent application are an Information Disclosure Statement, Form PTO-1449, copies references C1 through C2, and a return receipt postcard.

No fee is believed to be due in connection with the filing of this Information Disclosure Statement. However, if it is determined by the Office that a fee in the amount of \$180.00 is due under 37 CFR § 1.17(p), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account 50-1720/594.25608-PCT-US.

Respectfully submitted,

L. Mark Ye  
Registration No. 48,276  
Intellectual Property Attorney  
WesternGeco, L.L.C.  
Houston Technology Center  
10001 Richmond Avenue  
Houston, TX 77042-4299

**Please send correspondence to:**

WesternGeco L.L.C.  
Intellectual Property Department  
P. O. Box 2469  
Houston, Texas 77252-2469  
Phone: 713-689-2625  
Facsimile: 713-689-5777

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Richard Bisley *et al.*

Serial Number: 10/599,414

Confirmation Number: 8548

Filing Date: July 16, 2004

Entitled: GENERALIZED 3-D SURFACE  
MULTIPLE PREDICTION



Group Art Unit: 3663

Examiner: Unknown

Atty Dkt No.: 594.25608-PCT-US

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

The Applicants and the Attorney who signs below on the basis of the information supplied by the inventor and the information in this file, submit herewith patents, publications, or other information of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR § 1.56.

While the information submitted in this Information Disclosure Statement may be material pursuant to 37 CFR § 1.56, it is not intended to constitute an admission that any patent, publication, or other information referred to therein is prior art for this invention unless specifically designated as such.

In accordance with 37 CFR § 1.97, this Information Disclosure Statement is not to be construed as a representation that a search has been made or that no other possibly material information as defined under 37 CFR § 1.56(a) exists.

The patents and/or publications submitted herewith are set forth on the attached Form PTO-1449.

No fee is believed to be due in connection with the filing of this Information Disclosure Statement. However, if it is determined by the Office that a fee in the amount of \$180.00 is due under 37 CFR § 1.17(p), the Commissioner is hereby authorized to charge this fee, and any other fee necessary to make this submission timely, to the Deposit Account 50-1720/594.25608-PCT-US.

Respectfully submitted,



Liangang (Mark) Ye  
Registration Number 48,276  
WesternGeco, L.L.C.  
10001 Richmond Avenue  
Houston, Texas 77042  
Telephone: (713) 689-5799  
Facsimile: (713) 689-1977

**CERTIFICATION OF MAILING**

I hereby certify that this correspondence and its attachments are being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, USPTO, P.O. BOX 1450, Alexandria, VA 22313-1450 on: March 7, 2007.

By: Carolanne King  
Carolanne M. King

03/07/2007  
Date Signed

Forms PTO/SB08A and 08B (modified)

Atty. Docket No.:

594.25608-PCT-US

Application No.:

10/599,414

List of Patents and Publications for  
Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant(s): Richard Bisley *et al.*

Filing Date: July 16, 2004

Group: 3663

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Page 1

## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	6,169,959	01/02/2001	Dragoset Jr.			
	A2	4,887,243	12/12/1989	Pann			
	A3	3,371,310	02/27/1968	Daniel			

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Levin, "Prestack poststack 3D multiple prediction," 72 <sup>nd</sup> SEG Ann. Mtg., Salt Lake City, Utah, pp. 2110-2113, October 6-11, 2002.
	C2	Sun, "Anti-aliasing multiple prediction beyond two dimensions," Stanford Exploration Project, Report 100, pp. 159-171, 1999.

EXAMINER:

DATE CONSIDERED:

EXAMINER: INITIAL IF REFERENCE CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)